

Title (en)

CURRENT TAKE-OFF DEVICE INTENDED TO BE CONNECTED TO A VOLTAGE RAIL

Publication

EP 0159078 B1 19890104 (EN)

Application

EP 85200476 A 19850329

Priority

NL 8401029 A 19840402

Abstract (en)

[origin: EP0159078A1] A current collector device intended to be connected to a voltage rail comprising a bottom part (1) with two parallel side walls (2,3) on whose inner side longitudinally extending ribs (4, 5, 6, 7) are provided, while at least two mutually insulated current conductors (11, 9, 10) are present on the bottom part, this current collector device comprising a housing of synthetic material which is provided with projecting contact members (14, 15) and is shaped so that it can be pressed into the rail, an electrical connection being established between the contact members and the current conductors, while the housing is detachably secured to the side walls of the voltage rail by means of edges (20, 21) cooperating with the ribs (4 and 5) in the rail, the housing accommodating a carriage (13) which carries the contact members and is slidable between a decoupling position, in which the housing can be pressed into the rail, and a coupling position, in which the housing is locked in the rail in the pressed-in state.

IPC 1-7

H01R 25/14; F21V 21/34

IPC 8 full level

F21V 21/34 (2006.01); **H01R 25/14** (2006.01)

CPC (source: EP US)

H01R 25/142 (2013.01 - EP US)

Cited by

EP2091111A1; DE4042395A1; EP0515315A1; AT409686B; AT2973U3; DE4024826A1; EP0522185A1; GB2245698B; EP0798819A1; US5855491A; WO2005025011A1; WO2024047570A1; EP0609862A2

Designated contracting state (EPC)

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